

Notice of Allowability

Application No.

09/309,360

Applicant(s)

LIM ET AL.

Examiner

Jenise E. Jackson

Art Unit

2131

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 4/27/06.
2. ☒ The allowed claim(s) is/are 1,2,5-14,17-26 and 29-36.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


AYAZ SHEIKH

SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Reasons For Allowance

1. ***Status of Claims:*** Independent claims 1, 13, and 25 have been amended, amendment filed on April 27, 2006. Claims 1-2, 5-14, 17-26, and 29-36 are allowable for the reasons listed below:
2. The above-mentioned claims are allowable over the prior art because the cited prior art of record fails to teach or render obvious the newly added limitations as recited in Independent claims, 1, 13, and 25.
4. The prior art of record, in particular, does not teach or suggest, generating a plurality of records mapping access control events to access control functions along with an indication whether access control function invocation is active for each mapped access control event wherein the plurality of records are stored in a configuration file.
5. The present invention addresses the following limitations on current access control mechanisms in the prior art of security:
 - A) Commercial access control mechanisms are developed by developers that specialize in network security. Vendors of commercial access control mechanisms develop access control functionality demanded by network operators.
 - B) The functionality demanded varies between network operators
 - C) Some security functionality is demanded by a relatively large subset of network operators, other functionality is demanded by a relatively small subset of network operators
 - D) Vendors of access control mechanisms are more likely to develop the more heavily demanded functionality, and less likely to develop less demanded functionality

Art Unit: 2131

6. Thus, the invention provides functionality that is less demanded or special to a particular set of network operators. One approach to this is a hook configuration mapping, which specifies which access control events are extensions, and whether extension invocation is active for the extension event. The Hook configuration file contains set of records, and these records specify that an access control event is an extension event.

7. An Example of prior art in security that does not teach or suggest, generating a plurality of records mapping access control events to access control functions along with an indication whether access control function invocation is active for each mapped access control event wherein the plurality of records are stored in a configuration file, is McManis.

8. McManis discloses an executable procedure in program module A begins execution. The program module A that is being executed will be called procedure A and that the procedure that is attempting to call in program module B will be called procedure B. Prior to making a procedure call to an executable procedure in program module B, procedure A makes a procedure call to the verifier to request verification of the authenticity of program module B. The verifier then attempts to verify the authenticity of program module B and sends a return value to procedure A to indicate whether or not the verification of program module B was successful. McManis fail to teach or suggest, generating a plurality of records mapping access control events to access control functions along with an indication whether access control function invocation is active for each mapped access control event wherein the plurality of records are stored in a configuration file.

9. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and to avoid processing delays, should preferably accompany the issue

Art Unit: 2131

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jenise E. Jackson whose telephone number is (571) 272-3791. The examiner can normally be reached on M-Th (6:00 a.m. - 3:30 p.m.) alternate Friday's.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



July 15, 2006



AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100